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[Utah students use Ham Radio to connect with astronaut during eclipse](#)

A Utah school district participated in an international program that helps students connect with astronauts using Amateur Radio.

[Desert News](#)

[The Zombie Apocalypse](#)

Exploring the feasibility for radio communication during an actual SHTF situation.

[KE9V](#)

[USB-C charger for the MD-\(UV\)380/RT3\(S\)/GD-77](#)

Using a 2S 2A USB-C charger PCB.

[DK1MI](#)

[Simple guide to meteor scatter MSK144 contacts](#)

If you are using FT-8 you are already half way there.

[AB4BA](#)

[International Ham Radio events calendar](#)

Add your event.

[QSO Today](#)

[Lightning scatter at 144 MHz](#)

Making use of the short scatter signals from lightning strikes.

[TA1D](#)

[Building HamClock on an old Raspberry Pi](#)

This is a great addition to any Ham shack.

[M0AWS](#)

[Comparing prices of two 20AH LiFePO4 batteries: \\$60 vs. \\$265](#)

The \$60 battery delivers the goods.

[AE5X](#)

[Crystal substitute using si5351](#)

An inexpensive substitute for the 1647kHz LSB crystal.

[Owen Duffy](#)

Video

[A novice's guide to radio astronomy](#)

SDR all the way.

[Society of Amateur Radio Astronomers](#)

[DIY spark gap transmitter](#)

Assembly and analysis of a DIY spark gap transmitter.

[Baltic Lab](#)

Hamvention bound

For the first time, I'll be driving up for Hamvention in May. I'm attending as a member of the press and my current thinking is to attempt a number of short-form audio interviews with interesting orgs, Hams, vendors, etc., which will be posted both here in the newsletter and on the [daily site](#). I'm also having stickers made up, so hunt me down if you'd like one. Hope to see you there!

73

K4HCK

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Thank you for reading.

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